HAGEMAN-AGUIAR, INC.
Underground Contamination Investigations, Groundwater Consultants, Environmental Engineering

QUARTERLY
GROUNDWATER SAMPLING REPORT

(sampled June 6, 1995)

RIX INDUSTRIES
6460 Hollis Street
Emeryville, CA

June 12, 1995

3732 Mt. Diablo Blvd. Suite 372 Lafayette, California 94549 (510) 284-1661 FAX (510) 284-1664

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I. INTRODUCTION

The site location is the property at 6460 Hollis Street in Emeryville, California. The location of the site is shown in Figure 1.

The current occupant a the property, Rix Industries, has been present for more than twenty years. The current Rix Industries operation involves the construction of compressor parts, as well as compressor performance testing. In conjunction with a previous paint formulation plant that occupied the property prior to Rix Industries, ten (10) underground chemical storage tanks had been present for a number of years on the property. Five (5) of the underground tanks are located beneath the existing Rix Industries fabrication building.

On June 27, 1992, three shallow groundwater monitoring wells were installed on the site (wells MW-1, MW-2 and MW-3) by Hageman-Aguiar, Inc. The locations of the monitoring wells are shown in Figure 2, along with the locations of the ten (10) underground storage tanks. The report of that investigation was issued on July 24, 1992.

On July 30, 1994, the five (5) underground storage tanks inside the facility were closed-in-place under the direction of Hageman-Aguiar, Inc., in accord with Alameda County Department of Environmental Health's tank closure requirements. Prior to being filled with a neat cement slurry, each tank had its contents removed.

On the 27th and 28th of December 1994, the five (5) remaining underground storage tanks at the site were removed by Minter & Fahy Construction, of Pacheco, under the direction of

FIGURE 1.
Site Location Map.

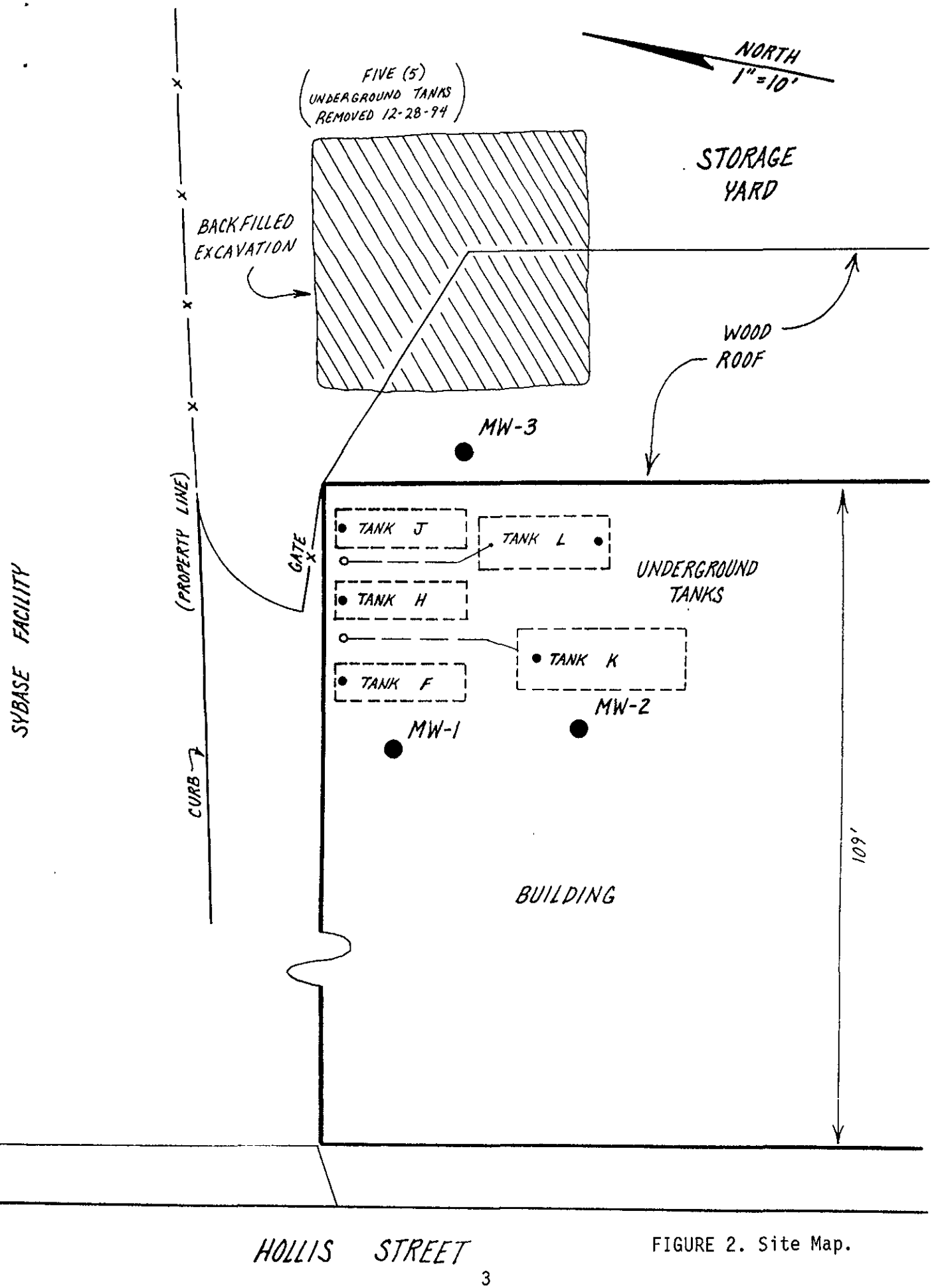


FIGURE 2. Site Map.

Hageman-Aguiar, Inc. The tanks were removed in accord with Alameda County Department of Environmental Health's tank closure requirements. A copy of the Hageman-Aguiar "Tank Closure Report", dated January 27, 1995, was issued to Susan Hugo of the Alameda County's Hazardous Materials Division.

On June 6, 1995, all three on-site monitoring wells were sampled for the laboratory analysis for dissolved petroleum constituents, alcohols and ketones, and volatile organic compounds. This sampling represents the forth "round" of quarterly sampling, following the soil and groundwater investigation (well installations) previously conducted at the site by Hageman-Aguiar in July 1992.

II. FIELD WORK

Monitoring Well Sampling

On June 6, 1995, groundwater samples were collected from each of the three (3) on-site monitoring wells MW-1, MW-2 and MW-3.

Prior to groundwater sampling, each well was purged by bailing approximately 10 casing volumes of water. Field conductivity, temperature, and pH meters were present on-site during the monitoring well sampling. As the purging process proceeded, the three parameters were monitored. Purging continued until readings appeared to have reasonably stabilized. After the water level in the well had attained 80% or more of the original static water level, a groundwater sample was collected using a clean teflon bailer. The water sample was placed inside appropriate 40 mL VOA vials and 1-liter amber bottles free of any headspace. The samples were immediately placed on ice, then transported under chain-of-custody to the laboratory at the end of the work day.

At the time each monitoring well was sampled, the following information was recorded in the field: 1) depth-to-water prior to purging, using an electrical well sounding tape, 2) identification of any floating product, sheen, or odor prior to purging, using a clear teflon bailer, 3) sample pH, 4) sample temperature, and 5) specific conductance of the sample.

Copies of the well sampling logs are included as Attachment A.

Wastewater Generation

All water removed from the wells during development and purging was drummed and stored on-site until the results of laboratory analyses were obtained. Based upon these results, this water should be collected by a licensed waste hauler and transported as a hazardous liquid waste under proper manifest to an appropriate TSD facility for treatment and disposal. The disposal of wastewater is the responsibility of the property owner (waste generator), and is beyond the scope of work as described in this report.

III. RESULTS OF WATER LEVEL MEASUREMENTS

Shallow Groundwater Flow Direction

Shallow water table elevations were measured on June 6, 1995. These measurements are shown in Table 1. Figure 3 presents a contour map for the shallow groundwater table beneath the site. As shown in this figure, the data from these monitoring wells indicate that the shallow groundwater beneath the site flows in the westerly direction.

Shallow Water Table Hydraulic Gradient

Figure 3 presents the contour map for the shallow groundwater table beneath the site. As shown in this figure, the shallow groundwater table beneath the site appears to be relatively flat, with a calculated hydraulic gradient of dH/dL = 1.0'/14' = 0.0714.

Historical Water Level Measurements

Table 2 presents the results of all water level measurements collected between July 7, 1992, and the present time.

TABLE 1.

Shallow Water Table Elevations
June 6, 1995

Well	Top of Casing Elevation (feet)	Depth to Water (feet)	Water Table Elevation (feet)
MW-1	100.00	3.07	96.93
MW-2	100.04	2.95	97.09
MW-3	101.99	3.39	98.60

Datum is the top-of-rim on MW-1 well box set at 100.00 feet.

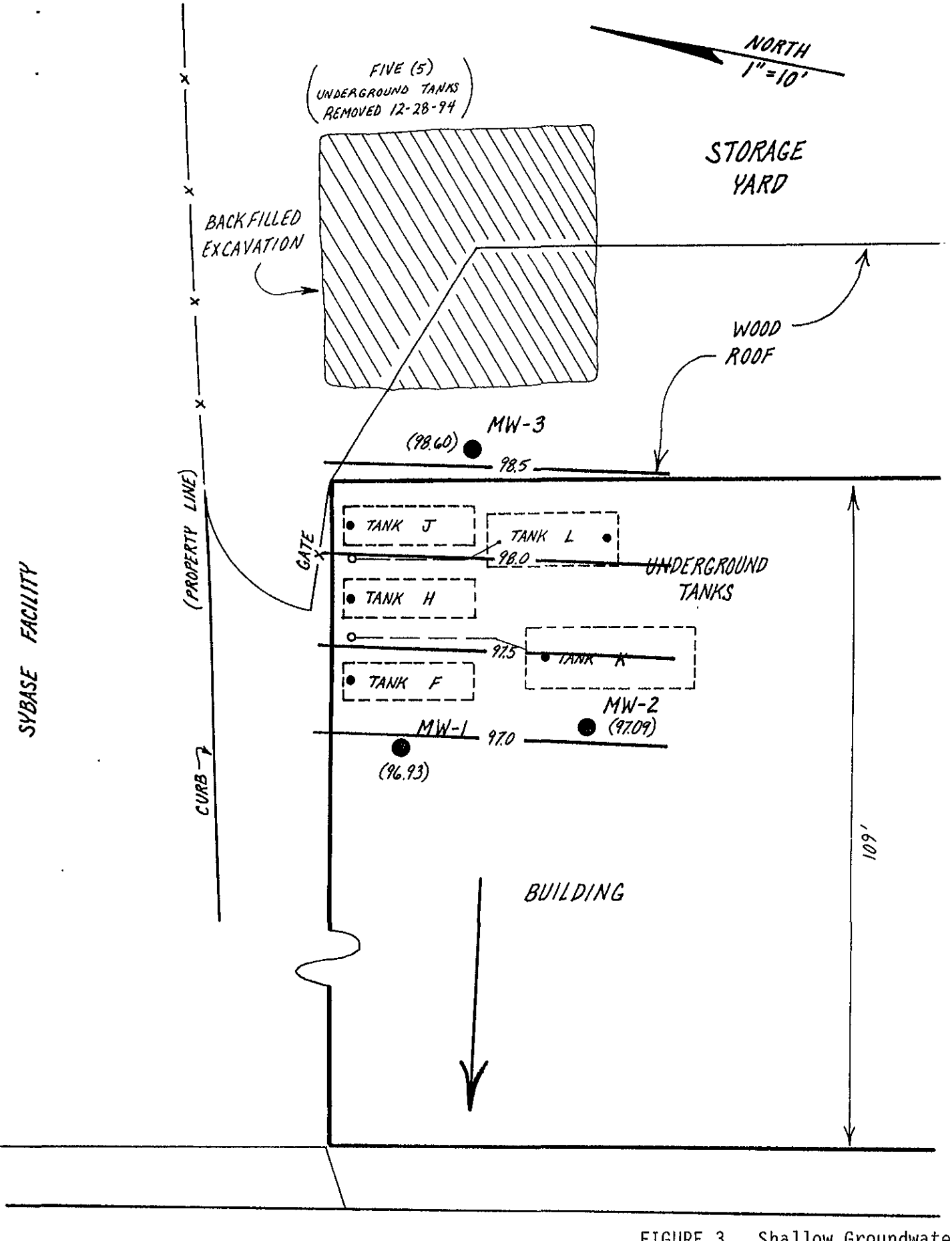


FIGURE 3. Shallow Groundwater Table Contour Map, measured June 6, 1995.

TABLE 2.

Historical Water Table Elevations
(feet)

Well	Date of Measurement								
	7-7-92	8-11-94	11-11-94	2-13-95	6-6-95				
MW-1	96.10	95.87	97.92	97.75	96.93				
MW-2	96.38	96.08	98.15	97.92	97.09				
MW-3	97.64	97.65	99.61	99.50	98.60				
Hydraulic Gradient	0.070	0.080	0.072	0.074	0.071				
Flow Direction	W	W	W	W	W				

IV. SHALLOW GROUNDWATER SAMPLING RESULTS

Laboratory Analysis

All analyses were conducted by a California State DOHS certified laboratory in accordance with EPA recommended procedures (Priority Environmental Lab, Milpitas, CA). All Groundwater samples were analyzed for 1) Total Petroleum Hydrocarbons as Gasoline, Benzene, Toluene, Ethylbenzene, and Total Xylenes; 2) Kerosene, Diesel and Mineral Spirits; 3) Isopropanol, sec-Butanol, Methyl Ethyl Ketone (MEK), Methyl Isobutyl Ketone (MIBK) and Acetone; and, 4) Volatile Organic Compounds.

Results of Laboratory Analysis

Copies of the laboratory certificates for these water sample analyses are included as Attachment B.

Table 3 presents the results of the laboratory analysis of the groundwater samples collected from monitoring wells MW-1, MW-2 and MW-3 for Total Petroleum Hydrocarbons as Gasoline, Benzene, Toluene, Ethylbenzene, Total Xylenes.

Total Petroleum Hydrocarbons as Gasoline were detected in groundwater samples collected from monitoring wells MW-1, MW-2 and MW-3 at concentrations of 620 µg/L (ppb), 780 µg/L (ppb) and 1,100 µg/L (ppb), respectively. In addition, Benzene was detected in the ground-water samples from wells MW-1, MW-2 and MW-3 at concentrations of 0.5 µg/L (ppb), 0.9 µg/L (ppb) and 0.9 µg/L (ppb), respectively.

TABLE 3.

Shallow Groundwater Sampling Results

Well	Date	TPH as Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)
MW-1	07-07-92	**680**	**3.8**	ND	**38**	**3.4**
	08-11-94	ND	ND	ND	ND	ND
	11-11-94	**440**	ND	**0.8**	**2.6**	**6.2**
	02-13-95	**630**	ND	**0.5**	**1.2**	**3.6**
	06-06-95	**620**	**0.5**	ND	**2.2**	**9.6**
MW-2	07-07-92	**1,400**	ND	**12**	**69**	**530**
	08-11-94	**4,800**	ND	**1.2**	**5.6**	**18**
	11-11-94	**810**	ND	**1.2**	**4.3**	**11**
	02-13-95	**1,000**	ND	**0.9**	**3.2**	**6.4**
	06-06-95	**780**	**0.9**	ND	**3.0**	**13**
MW-3	07-07-92	**9,300**	ND	**3,600**	ND	**700**
	08-11-94	**4,300**	ND	**10**	**2.6**	**10**
	11-11-94	**920**	ND	**3.7**	**3.2**	**16**
	02-13-95	**410**	ND	**1.7**	**0.5**	**2.5**
	06-06-95	**1,100**	**0.9**	**0.8**	**11**	**26**
Detection Limit		50	0.5	0.5	0.5	0.5

ND = Not Detected

Table 4 presents the results of the laboratory analysis of the groundwater samples collected from monitoring wells MW-1, MW-2 and MW-3 for Extractable Petroleum Hydrocarbons.

As shown in Table 4, Diesel was detected in groundwater samples collected from monitoring wells MW-1, MW-2, and MW-3 at concentrations of 1,600 µg/L (ppb), 960 µg/L (ppb) and 1,200 µg/L (ppb), respectively. In addition, Mineral Spirits were detected in the groundwater sample from well MW-1 at a concentration of 58 µg/L (ppb).

For this round of groundwater sampling, no detectable concentrations of Kerosene or Motor Oil were detected in any of the shallow groundwater samples.

TABLE 4.

Shallow Groundwater Sampling Results

Well	Date	TPH as Kerosene (ug/L)	TPH as Diesel (ug/L)	TPH as Mineral Spirits (ug/L)	Oil & Grease (ug/L)
MW-1	07-07-92	**6,100**	**6,100**	**6,400**	**14**
	08-11-94	**960**	**590**	ND	---
	11-11-94	ND	**1,000**	**190**	---
	02-13-95	ND	**1,400**	**310**	---
	06-06-95	ND	**1,600**	**58**	---
MW-2	07-07-92	**17,000**	**17,000**	**20,000**	**19**
	08-11-94	**490**	**320**	ND	---
	11-11-94	ND	**620**	**160**	---
	02-13-95	ND	**810**	**350**	---
	06-06-95	ND	**960**	ND	---
MW-3	07-07-92	**20,000**	**20,000**	**21,000**	**28**
	08-11-94	**470**	**310**	ND	---
	11-11-94	ND	ND	ND	---
	02-13-95	ND	**900**	**370**	---
	06-06-95	ND	**1,200**	ND	---
Detection Limit		50	50	50	50

ND = Not Detected

Table 5 presents the results of the laboratory analysis of the groundwater samples collected from monitoring wells MW-1, MW-2 and MW-3 for Acetone, Isopropanol, Methyl Ethyl Ketone, Methyl Isobutyl Ketone and Sec-butanol.

Acetone was detected in groundwater samples collected from monitoring wells MW-1 and MW-3 at concentrations of 76 µg/L (ppb) and 160 µg/L (ppb), respectively.

Methyl Ethyl Ketone was detected in groundwater samples collected from monitoring wells MW-1, MW-2 and MW-3 at concentrations of 97,000 µg/L (ppb), 59,000 µg/L (ppb) and 32,000 µg/L (ppb), respectively.

For this round of groundwater sampling, no detectable concentrations of Isopropanol, Methyl Isobutyl Ketone or Sec-butanol were detected in any of the groundwater samples collected from monitoring wells MW-1, MW-2 and MW-3.

TABLE 5.

Shallow Groundwater Sampling Results
Alcohols & Ketones

Monitoring Well	Date	Acetone (ug/L)	Iso-Propanol (ug/L)	Methyl Ethyl Ketone (ug/L)	Methyl Isobutyl Ketone (ug/L)	Sec-Butanol (ug/L)
MW-1	07-07-92	ND	ND	ND	ND	ND
	08-11-94	**210**	**9,100**	**230**	**180**	**710**
	11-11-94	**2,700**	**17,000**	**1,500**	**420**	ND
	02-13-95	**610**	**6,400**	**1,300**	**600**	ND
	06-06-95	**76**	ND	**97,000**	ND	ND
MW-2	07-07-92	ND	ND	ND	ND	ND
	08-11-94	ND	**410**	ND	ND	**90**
	11-11-94	**1,100**	**4,600**	**18,000**	**360**	ND
	02-13-95	**2,500**	**4,900**	**22,000**	ND	ND
	06-06-95	ND	ND	**59,000**	ND	ND
Detection Limit		50 to 400	100 to 1,000	50 to 1,000	50 to 500	50 to 500

ND = Not Detected

TABLE 5. (Continued)

Shallow Groundwater Sampling Results
Alcohols & Ketones

Monitoring Well	Date	Acetone (ug/L)	Iso-Propanol (ug/L)	Methyl Ethyl Ketone (ug/L)	Methyl Isobutyl Ketone (ug/L)	Sec-Butanol (ug/L)
MW-3	07-07-92	ND	ND	ND	ND	ND
	08-11-94	ND	**9,400**	**370**	**250**	**820**
	11-11-94	**810**	**6,700**	**40,000**	**22,000**	ND
	02-13-95	**1,300**	**5,800**	**19,000**	**4,500**	ND
	06-06-95	**160**	ND	**32,000**	ND	ND
Detection Limit		50 to 400	100 to 1,000	50 to 1,000	50 to 500	50 to 500

ND = Not Detected

Table 6 presents the results of the laboratory analysis of the groundwater samples collected from monitoring wells MW-1, MW-2 and MW-3 for Halogenated Volatile Organic Compounds.

Trichlorofluoromethane was detected in the groundwater samples collected from monitoring wells MW-1, MW-2 and MW-3 at concentrations of 4.9 µg/L (ppb), 2.7 µg/L (ppb) and 17 µg/L (ppb), respectively.

1,1-Dichloroethane was detected in groundwater samples collected from monitoring wells MW-1, MW-2 and MW-3 at concentrations of 12 µg/L (ppb), 8.0 µg/L (ppb) and 16 µg/L (ppb), respectively.

1,1-Dichloroethene was detected in the groundwater sample collected from monitoring well MW-3 at a concentration of 26 µg/L (ppb).

1,2-Dichloroethene was detected in the groundwater samples collected from monitoring wells MW-1, MW-2 and MW-3 at concentrations of 2.7 µg/L (ppb), 6.9 µg/L (ppb) and 4.9 µg/L (ppb), respectively.

Chloroform was detected in the groundwater sample collected from monitoring wells MW-1, MW-2 and MW-3 at concentrations of 1.5 µg/L (ppb), 4.9 µg/L (ppb) and 3.8 µg/L (ppb), respectively.

Tetrachloroethene was detected in groundwater samples collected from monitoring wells MW-2 and MW-3 at concentrations of 20 µg/L (ppb) and 34 µg/L (ppb), respectively.

Trichloroethene was detected in groundwater samples collected from monitoring wells MW-1, MW-2 and MW-3 at concentrations of 4.6 µg/L (ppb), 33 µg/L (ppb) and 63 µg/L (ppb),

TABLE 6.

Shallow Groundwater Sampling Results
Volatile Organic Compounds

Well	Date	EPA Method	Trichloro-fluoromethane (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro-ethene (ug/L)	(Total) 1,2-Dichloro-ethene (ug/L)	1,2-Dichloro-ethane (ug/L)
MW-1	07-08-92	601	ND	**36**	ND	ND	ND
	11-11-94	8240	--	**33**	ND	ND	ND
	02-13-95	601	**9.8**	**32**	**1.0**	**8.5**	**1.1**
	06-06-95	601	**4.9**	**12**	ND	**2.7**	ND
MW-2	07-08-92	601	ND	**22**	ND	**99**	ND
	11-11-94	8240	--	**17**	ND	**45**	ND
	02-13-95	601	**3.6**	**9.6**	**2.0**	**11**	**3.2**
	06-06-95	601	**2.7**	**8.0**	ND	**6.9**	ND
MW-3	07-08-92	601	ND	**30**	ND	**630**	ND
	11-11-94	8240	--	**47**	**29**	**327**	ND
	02-13-95	601	**30**	**52**	**48**	**6.6**	**8.5**
	06-06-95	601	**17**	**16**	**26**	**4.9**	ND
Detection Limit			0.5	1.0 to 5.0	1.0 to 5.0	0.5 to 5.0	0.5 to 5.0

ND = Not Detected

TABLE 6. (Continued)

Shallow Groundwater Sampling Results
Volatile Organic Compounds

Well	Date	EPA Method	Tetrachloro-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloroethene (ug/L)	Vinyl Chloride (ug/L)	Chloroform (ug/L)
MW-1	07-08-92	601	ND	ND	ND	ND	ND
	11-11-94	8240	ND	ND	ND	ND	ND
	02-13-95	601	ND	**0.7**	**15**	ND	**1.8**
	06-06-95	601	ND	ND	**4.6**	ND	**1.5**
MW-2	07-08-92	601	**52**	ND	**21**	**46**	ND
	11-11-94	8240	**34**	ND	**20**	ND	ND
	02-13-95	601	**49**	**4.8**	**41**	ND	**2.7**
	06-06-95	601	**20**	ND	**33**	ND	**4.9**
MW-3	07-08-92	601	**2,200**	**81**	**300**	ND	ND
	11-11-94	8240	**110**	**12**	**290**	**67**	ND
	02-13-95	601	**54**	**28**	**140**	ND	**4.3**
	06-06-95	601	**34**	ND	**63**	ND	**3.8**
Detection Limit			1.0 to 5.0	1.0 to 5.0	1.0 to 5.0	1.0 to 10	0.5 to 5.0

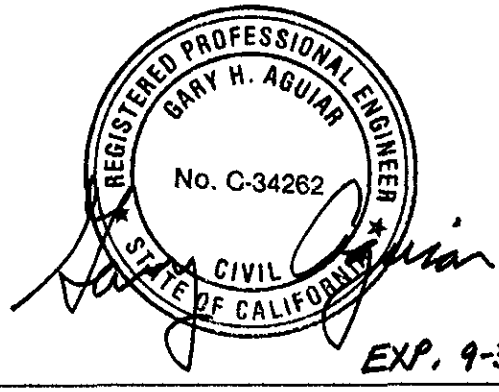
ND = Not Detected

respectively.

For this round of groundwater sampling, no detectable concentrations of 1,2-Dichloroethane, 1,1,1-Trichloroethane or Vinyl Chloride were found in the groundwater samples collected from monitoring wells MW-1, MW-2 and MW-3.

QUARTERLY GROUNDWATER SAMPLING REPORT
RIX INDUSTRIES
6460 Hollis Street, Emeryville, California

June 12, 1995



EXP. 9-30-95

Gary Aguiar **RCE 34262**

Gerard F. Aarons 6-12-95

Gerard F. Aarons **Geologist**

ATTACHMENT A

Well Sampling Logs

WELL SAMPLING LOG

Project/No. Rix Industries Page 1 of 3

Site Location Emeryville CA

Date 6/6/95

Well No. MW-1

Weather Sunny Mid 80's Time Began _____ Completed _____

EVACUATION DATA

Description of Measuring Point (MP) Well Box @ Grade

Total Sounded Depth of Well Below MP 14.76

- Depth to Water Below MP 3.07 Diameter of Casing 2"

= Water Column in Well 11.69

Gallons in Casing 2.0 + Annular Space (30% porosity) (x10) = Total Gallons 20

Gallons Pumped Prior to Sampling 20

Evacuation Method PVC Bailer

SAMPLING DATA / FIELD PARAMETERS

Inspection for Free Product: Sheen, Clear, Low Turb, Strong Organic Odor
(thickness to 0.1 inch, if any)

Time	14:00	14:07	14:13	14:17
Gals Removed	5	10	15	20
Temperature	69.6	67.2	68.4	68.5
Conductivity	680	720	620	640
pH	6.57	6.50	6.52	6.65
Color / Odor	Lt Gray, sheen, Fuel Odor	Lt Gray, sheen, Fuel Odor	Lt Gray, sheen Fuel Odor	Lt Gray sheen Fuel Odor
Turbidity	Mod	Mod	Mod	Mod

Comments: Good Recharge

WELL SAMPLING LOG

Project/No. Rix Industries

Page 2 of 3

Site Location Emeryville CA

Date 6/6/95

Well No. MW-2

Weather Sunny Mid 80's

Time Began _____

Completed _____

EVACUATION DATA

Description of Measuring Point (MP) Well Box @ Grade

Total Sounded Depth of Well Below MP 14.94

- Depth to Water Below MP 2.95

Diameter of Casing 2"

= Water Column in Well 11.99

Gallons in Casing 2.0 + Annular Space (30% porosity) (x10) = Total Gallons 20

Gallons Pumped Prior to Sampling 20

Evacuation Method PVC Bailer

SAMPLING DATA / FIELD PARAMETERS

Inspection for Free Product: None, Clear, Low Turb, Fuel Odor
(thickness to 0.1 inch, if any)

Time	13:34	13:40	13:47	13:53
Gals Removed	5	10	15	20
Temperature	71.3	71.0	70.8	70.0
Conductivity	800	780	520	490
pH	6.68	6.67	6.74	6.72
Color / Odor	Lt Gray Fuel Odor	Lt Gray Fuel Odor	Lt Gray, Fuel Odor	Gray Fuel Odor
Turbidity	Low	Mod	Mod/High	Mod/High

Comments: Fuel Odor had slight Alcohol smell to it

WELL SAMPLING LOG

Project/No. Rix Industries Page 3 of 3

Site Location Emeryville CA Date 6/6/95

Well No. MW-3 Time Began _____

Weather Sunny Mid 60's Completed _____

EVACUATION DATA

Description of Measuring Point (MP) Well Box @ Grade

Total Sounded Depth of Well Below MP 17.19

- Depth to Water Below MP 3.39 Diameter of Casing 2"

= Water Column in Well 13.80

Gallons in Casing 2.3 + Annular Space (30% porosity) x10 = Total Gallons 23

Gallons Pumped Prior to Sampling 25

Evacuation Method PVC Bailer

SAMPLING DATA / FIELD PARAMETERS

Inspection for Free Product: None detected, Clear, Low Turb, Fuel Odor
(thickness to 0.1 inch, if any)

Time	14:24	14:28	14:33	14:38	14:43
Gals Removed	5	10	15	20	25
Temperature	71.8	68.6	67.7	66.4	66.5
Conductivity	750	780	750	760	760
pH	6.47	6.59	6.60	6.55	6.63
Color / Odor	Lt Gray, Sheen, Fuel Odor	Lt Gray, Sheen, Fuel Odor	Lt Gray, Sheen Fuel odor	Lt Gray Sheen Fuel odor	Lt Gray Sheen Fuel Odor
Turbidity	Mod	Mod	Mod	Mod	Mod

Comments: _____

ATTACHMENT B

ANALYTICAL RESULTS: GROUNDWATER

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

June 09,1995 PEL # 9506022

HAGEMAN - AGUIAR, INC.

Attn: Mark Hainsworth

Re: Three water samples for Gasoline/BTEX and TEPH analyses.

Project name: Rix Industries
Project location: 6460 Hollis St., - Emeryville, CA.

Date sampled:June 06, 1995 Date submitted:June 07, 1995
Date extracted:June 07-08, 1995 Date analyzed:June 07-08, 1995

RESULTS:

SAMPLE I.D.	Kerosene (ug/L)	Gasoline (ug/L)	Diesel (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylene (ug/L)	Motor Oil (mg/L)	Mineral Spirits (ug/L)
MW-1	N.D.	620	1600	0.5	N.D.	2.2	9.6	N.D.	58
MW-2	N.D.	780	960	0.9	N.D.	3.0	13	N.D.	N.D.
MW-3	N.D.	1100	1200	0.9	0.8	11	26	N.D.	N.D.
Blank	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spiked Recovery	---	93.7%	80.8%	90.4%	86.0%	89.4%	93.8%	---	---
Detection limit	50	50	50	0.5	0.5	0.5	0.5	0.5	50
Method of Analysis	3510 / 8015	5030 / 8015	3510 / 8015	602	602	602	602	3510 / 8015	3510 / 8015

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS
Precision Environmental Analytical Laboratory

June 09,1995 PEL # 9506022

HAGEMAN - AGUIAR, INC.

Attn: Mark Hainsworth

Re: Three water samples for Acetone, Isopropanol, MEK, MIBK, and Sec-Butanol analyses.

Project name: Rix Industries
Project location: 6460 Hollis St., - Emeryville, CA.

Date sampled:June 06, 1995 Date submitted:June 07, 1995
Date extracted:June 07-08, 1995 Date analyzed:June 07-08, 1995

RESULTS:

SAMPLE I.D.	Acetone (ug/L)	Isopropanol (mg/L)	MEK (mg/L)	MIBK (mg/L)	SEC-Butanol (mg/L)
MW-1	76	N.D.	97	N.D.	N.D.
MW-2	N.D.	N.D.	59	N.D.	N.D.
MW-3	160	N.D.	32	N.D.	N.D.
Blank	N.D.	N.D.	N.D.	N.D.	N.D.
Detection limit	50	0.5	0.5	0.5	0.5
Method of Analysis	5030 / 8015	5030 / 8015	5030 / 8015	5030 / 8015	5030 / 8015

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

June 08, 1995 PEL # 9506022

HAGEMAN -AGUIAR, INC. Attn: Mark Hainsworth

Project name:Rix Industries Project location:6460 Hollis St.-Emeryville,CA

Sample I.D.: MW-1

Date Sampled:June 06, 1995 Date Submitted:June 07, 1995
Date Analyzed:June 07-08, 1995

Method of Analysis: EPA 601 Detection limit: 0.50 ug/L

COMPOUND NAME	CONCENTRATION (ug/L)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	4.9	-----
1,1-Dichloroethene	N.D.	108.8
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	2.7	-----
1,1-Dichloroethane	12	-----
Chloroform	1.5	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	108.8
1,2-Dichloroethane	N.D.	-----
Trichloroethene	4.6	107.1
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	103.8
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	98.9
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

June 08, 1995 PEL # 9506022

HAGEMAN -AGUIAR, INC. Attn: Mark Hainsworth

Project name:Rix Industries Project location:6460 Hollis St.-Emeryville,CA

Sample I.D.: MW-2

Date Sampled:June 06, 1995 Date Submitted:June 07, 1995
Date Analyzed:June 07-08, 1995

Method of Analysis: EPA 601 Detection limit: 0.50 ug/L

COMPOUND NAME	CONCENTRATION (ug/L)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	2.7	-----
1,1-Dichloroethene	N.D.	108.8
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	6.9	-----
1,1-Dichloroethane	8.0	-----
Chloroform	4.9	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	108.8
1,2-Dichloroethane	N.D.	-----
Trichloroethene	33	107.1
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	20	103.8
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	98.9
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong
Laboratory Director

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

June 08, 1995 PEL # 9506022

HAGEMAN -AGUIAR, INC. Attn: Mark Hainsworth

Project name:Rix Industries Project location:6460 Hollis St.-Emeryville,CA

Sample I.D.: MW-3

Date Sampled:June 06, 1995 Date Submitted:June 07, 1995
Date Analyzed:June 07-08, 1995

Method of Analysis: EPA 601 Detection limit: 0.50 ug/L

COMPOUND NAME	CONCENTRATION (ug/L)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	17	-----
1,1-Dichloroethene	26	108.8
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	4.9	-----
1,1-Dichloroethane	16	-----
Chloroform	3.8	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	108.8
1,2-Dichloroethane	N.D.	-----
Trichloroethene	63	107.1
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	34	103.8
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	98.9
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong
Laboratory Director

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PEL # 9506022

INV # 26030

CHAIN OF CUSTODY RECORD

PROJECT NAME AND ADDRESS:
Rix Industries
6460 Hollis Street
Emeryville CA

SAMPLER: (Signature) Mark Hammond

HAGEMAN - AGUIAR, INC.
3732 Mt. Diablo Blvd., Suite 372
Lafayette, CA 94549
(415)284-1661 (415)284-1664 (FAX)

CROSS REFERENCE NUMBER	DATE	TIME	SOIL	WATER	STATION LOCATION	ANALYSIS REQUESTED: Gas / BTEX	TEPH (Include Mineral Spirits)	6010	Acetone, MEK, MIBK	Isopropanol, Sec-Butanol		REMARKS
MW-1	6/6/95			X	Monitoring Well MW-1	X	X	X	X	X		Norm TAT
MW-2	6/6/95			X	" MW-2	X	X	X	X	X		
MW-3	6/6/95			X	" MW-3	X	X	X	X	X		

RELINQUISHED BY: (Signature) Mark Hammond	DATE 6/7/95 TIME 9:16	RECEIVED BY: (Signature)	DATE TIME
RELINQUISHED BY: (Signature)	DATE TIME	RECEIVED BY: (Signature)	DATE TIME
RELINQUISHED BY: (Signature)	DATE TIME	RECEIVED BY: (Signature)	DATE TIME
RELINQUISHED BY: (Signature)	DATE TIME	RECEIVED FOR LABORATORY BY: (Signature) PEL	DATE 6-7-95 TIME 9:16